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Supplement of

Combining resistivity and frequency domain electromagnetic methods to investigate submarine groundwater discharge in the littoral zone

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Supplement - List of Abbreviations

CRP	Continuous Resistivity Profiling
DOI	Depth Of Investigation
ECa	Apparent Electrical Conductivity
EM	Electromagnetic
ERT	Electrical Resistivity Tomography
FDEM	Frequency Domain Electromagnetics
FSGD	Fresh Submarine Groundwater Discharge
HCP	Horizontal Coplanar (FDEM receiver array configuration)
IWVA	Water supply company Intercommunale Waterleidingsmaatschappij van Veurne-Ambacht
LIN	Low Induction Number
MER	Marine Electrical Resistivity
mTAW	Height in meters compared to the Belgian reference level, the average sealevel at low tide in Ostend (Tweede Algemene Waterpassing)
PRP	Perpendicular (FDEM receiver array configuration)
QP	Quadrature-Phase (component of the electromagnetic field)
rECa	Robust Apparent Electrical Conductivity
RSGD	Recirculating Saline Groundwater Discharge
SGD	Submarine Groundwater Discharge
SI	Saltwater Intrusion
TDEM	Time Domain Electromagnetics
VLIZ	Flanders Marine Institute

Supplement – Absolute errors inversion models

K0	1.70%
K0 _{HT}	1.57%
K0 _{LT}	1.15%
K1	2.80%
K1 _{HT}	1.53%
K1 _{LT}	0.67%
K1.5 _{LT}	0.78%
M1	0.83%

M2 1.77%

M3 1.39%